

Figure 1

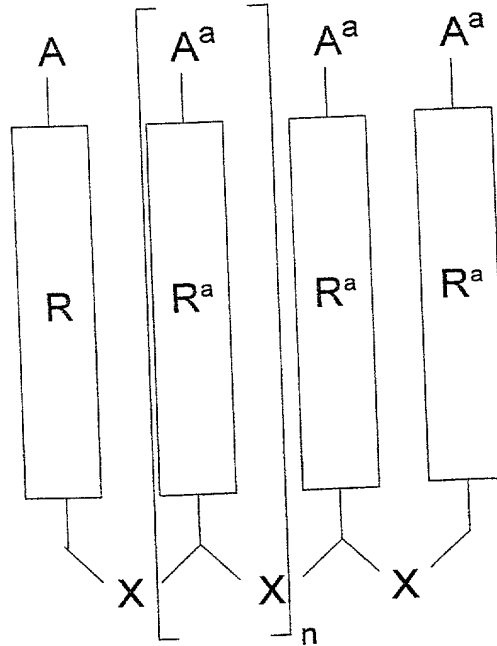


Figure 2

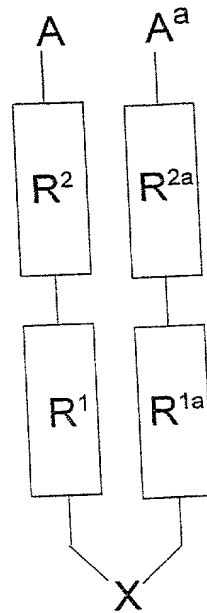


Figure 3

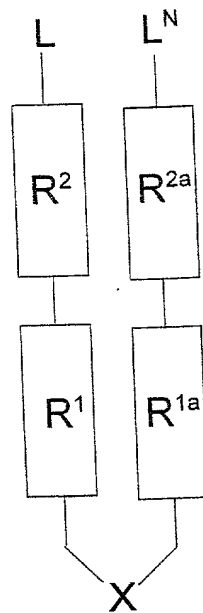
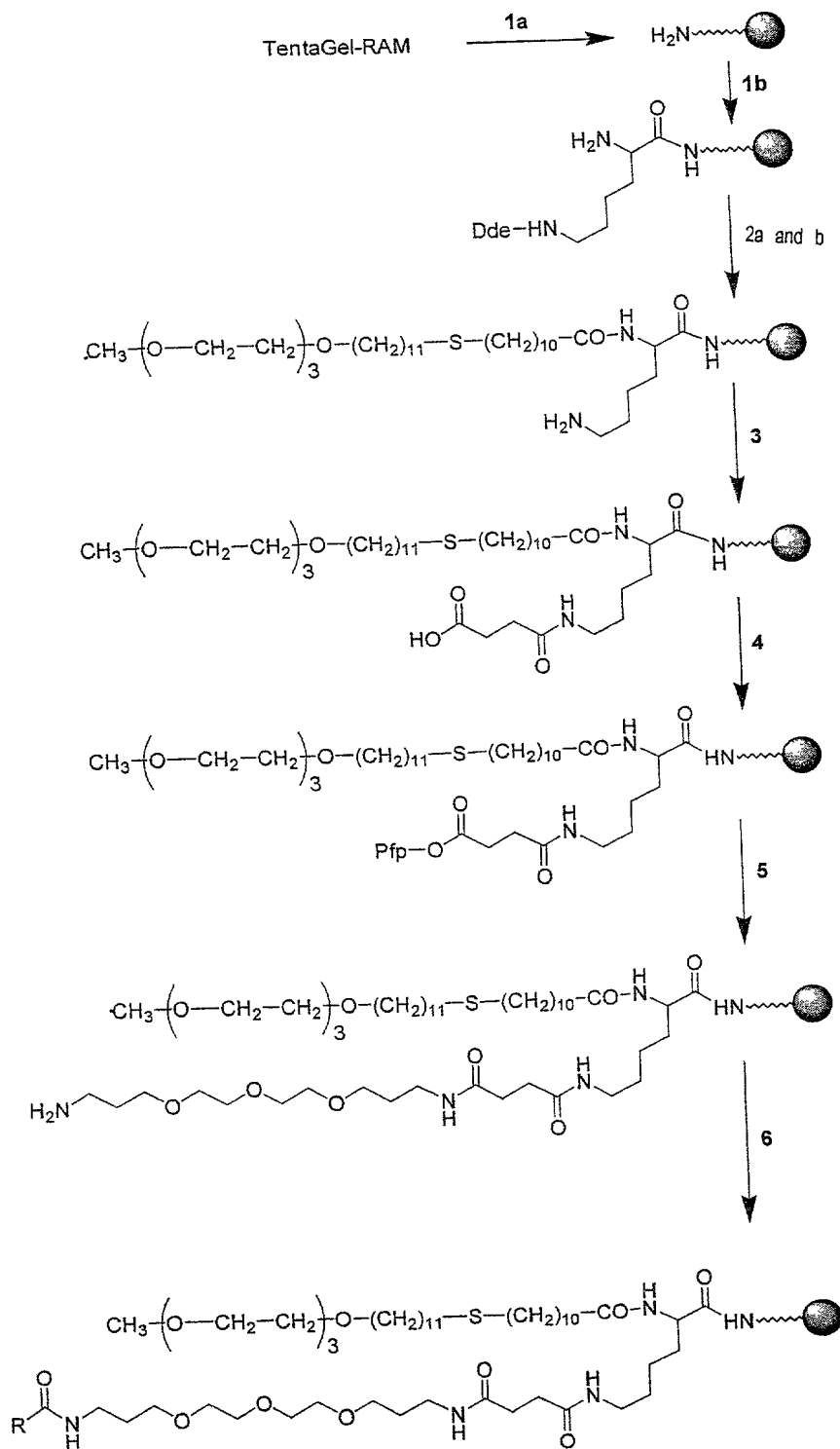
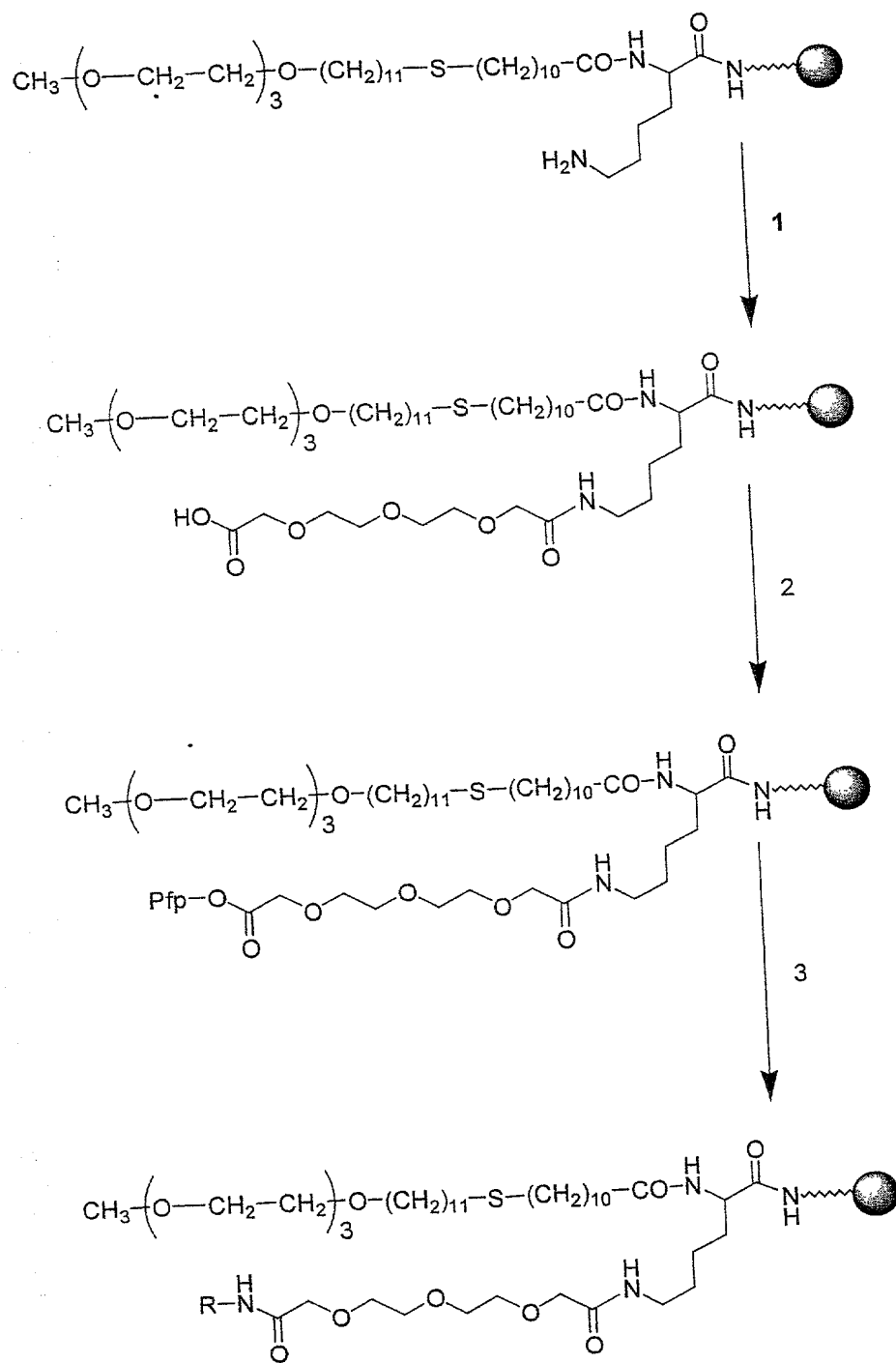


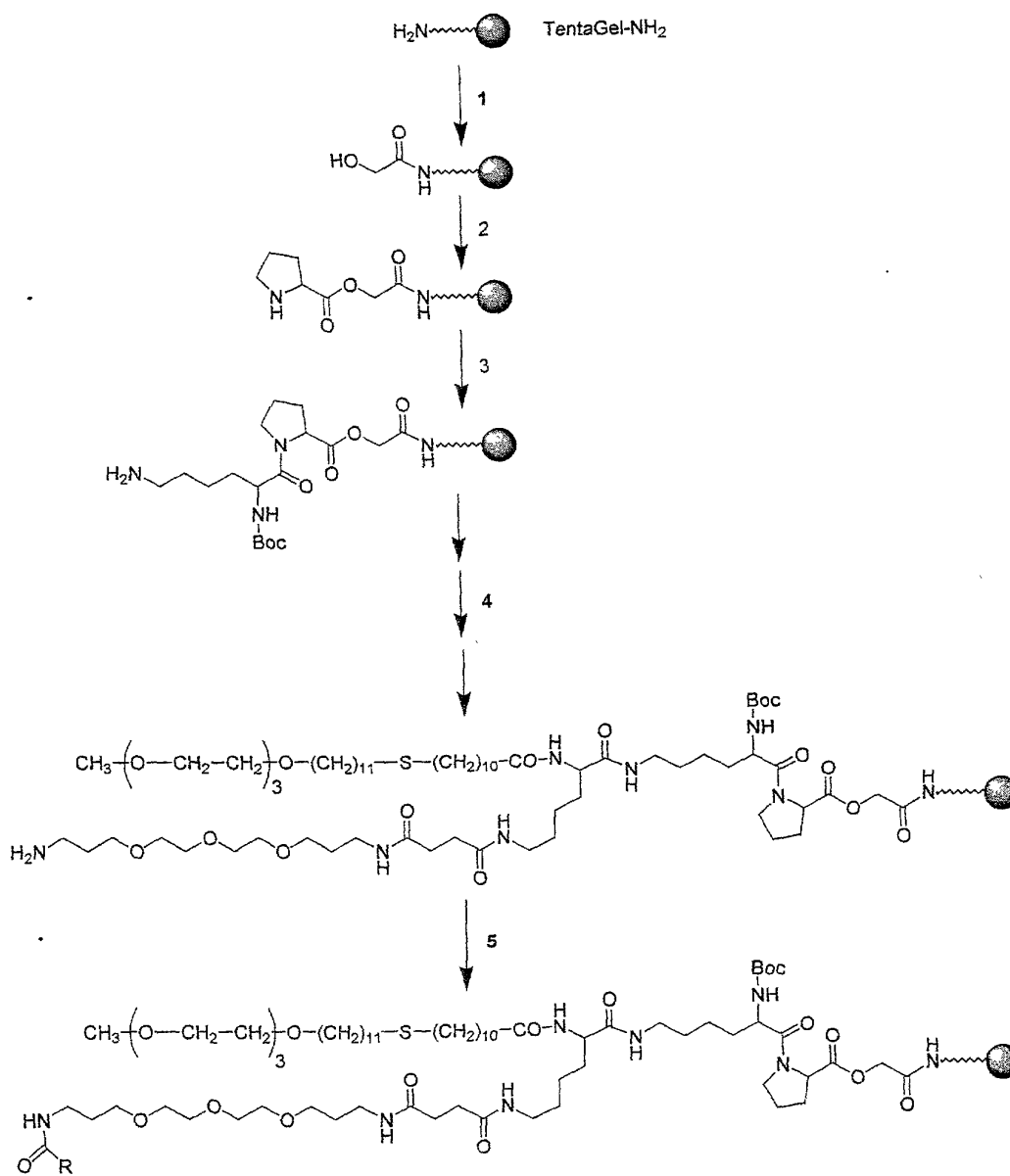
Figure 4



**Figure 5** Synthesis of LAC based on anchor 1



**Figure 6** Synthesis scheme of LAC based on anchor 2.



**Figure 7** Synthesis of LAC based on anchor 3.

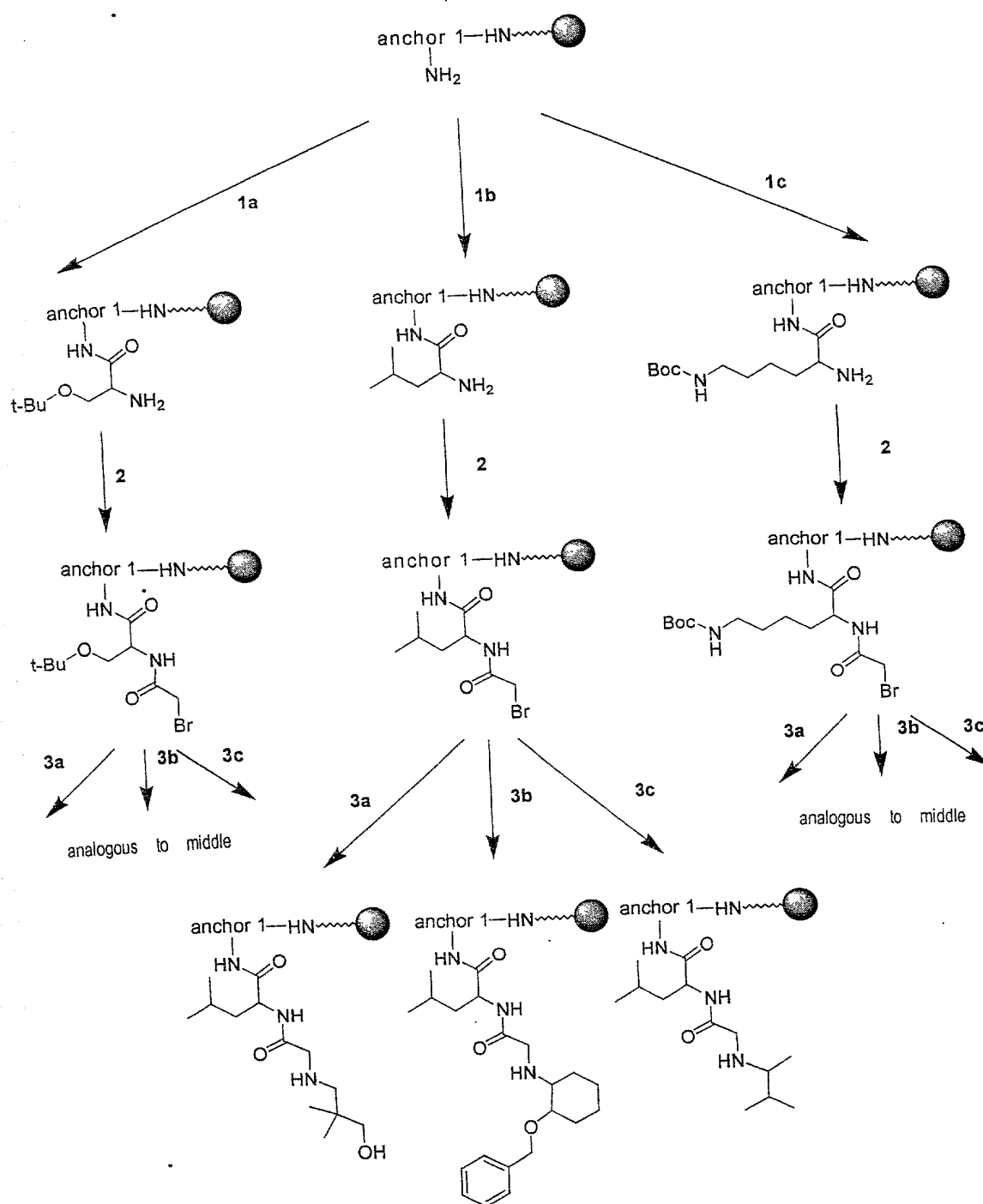
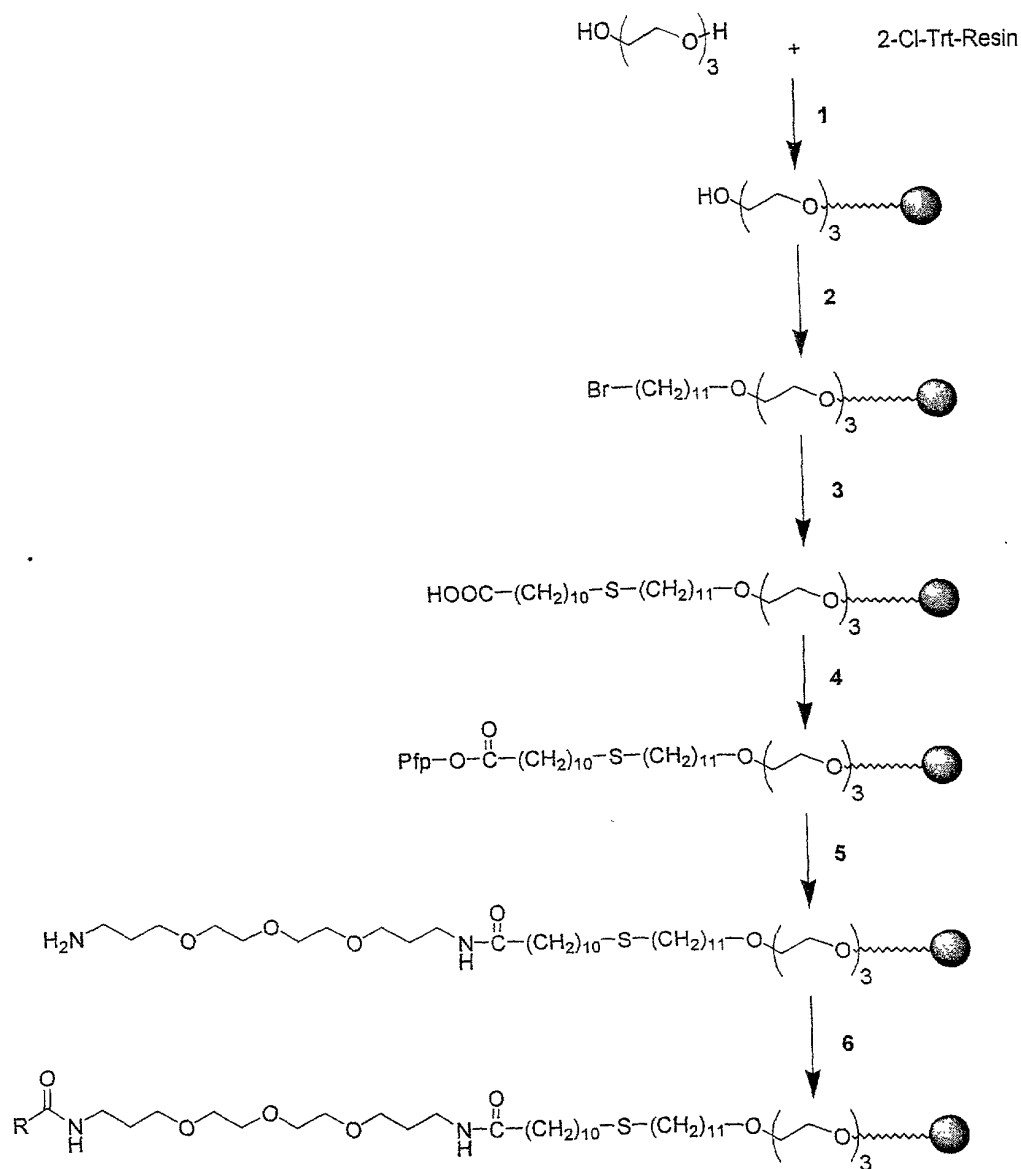


Figure 8 Synthesis scheme for the combinatorial synthesis on anchor 1



**Figure 9** Synthesis scheme for the combinatorial synthesis on anchor 1

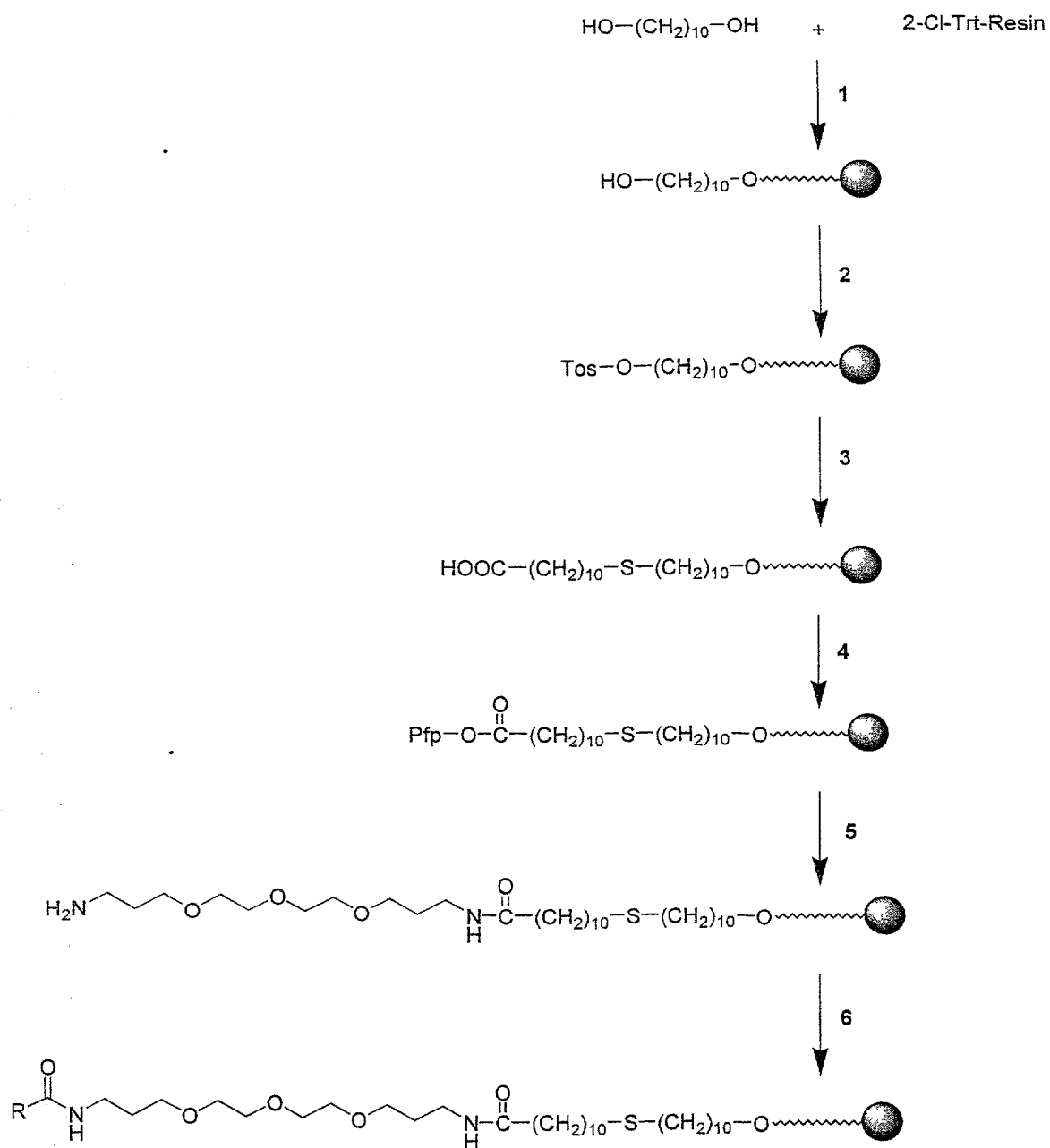
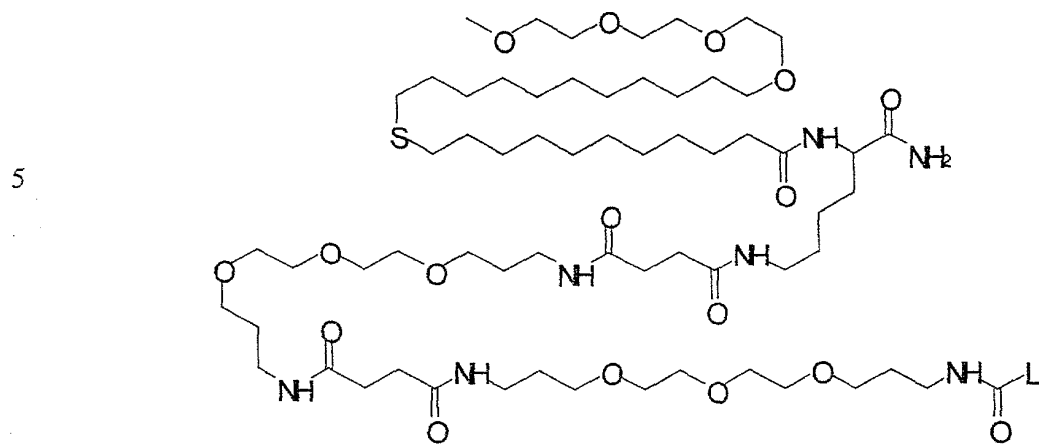
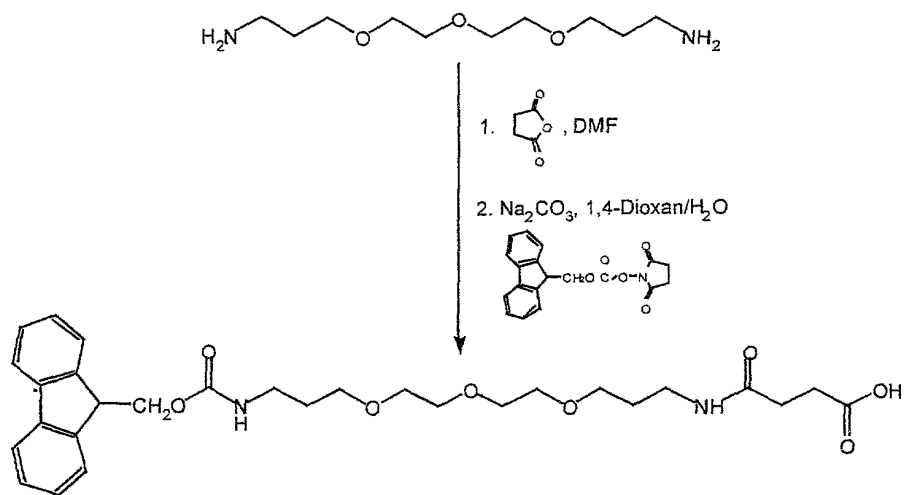


Figure 10 Synthesis scheme for LAC based on anchor 7

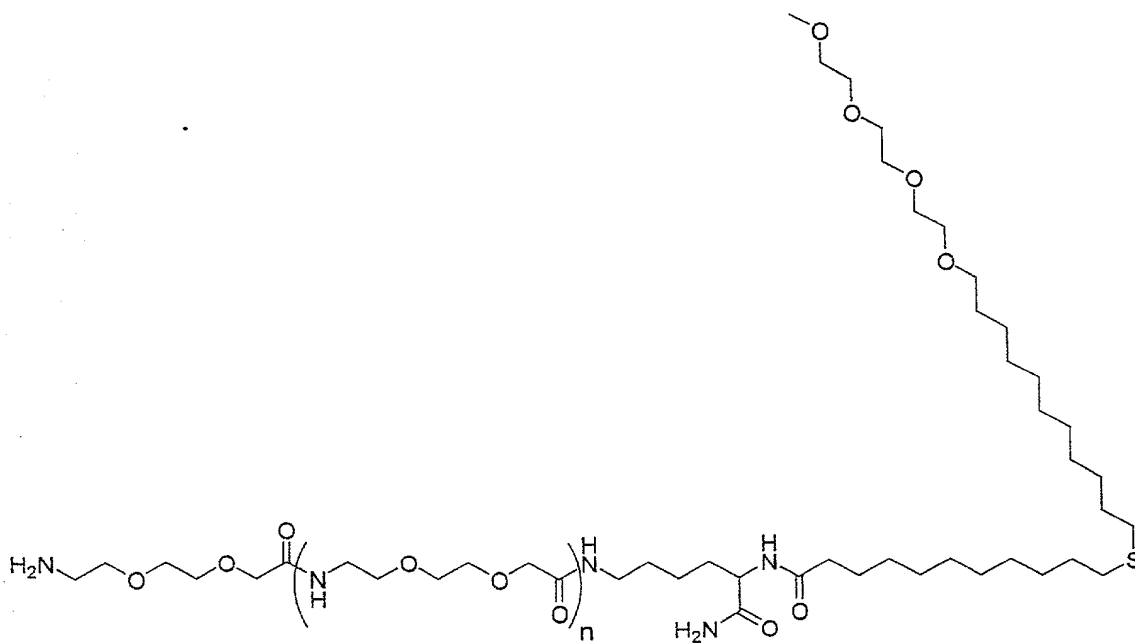




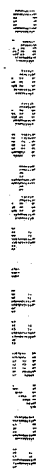
**Figure 11** Structure of anchor 8 (L = ligand)



**Figure 12** Schematic presentation of the synthesis of Fmoc-Std-OH



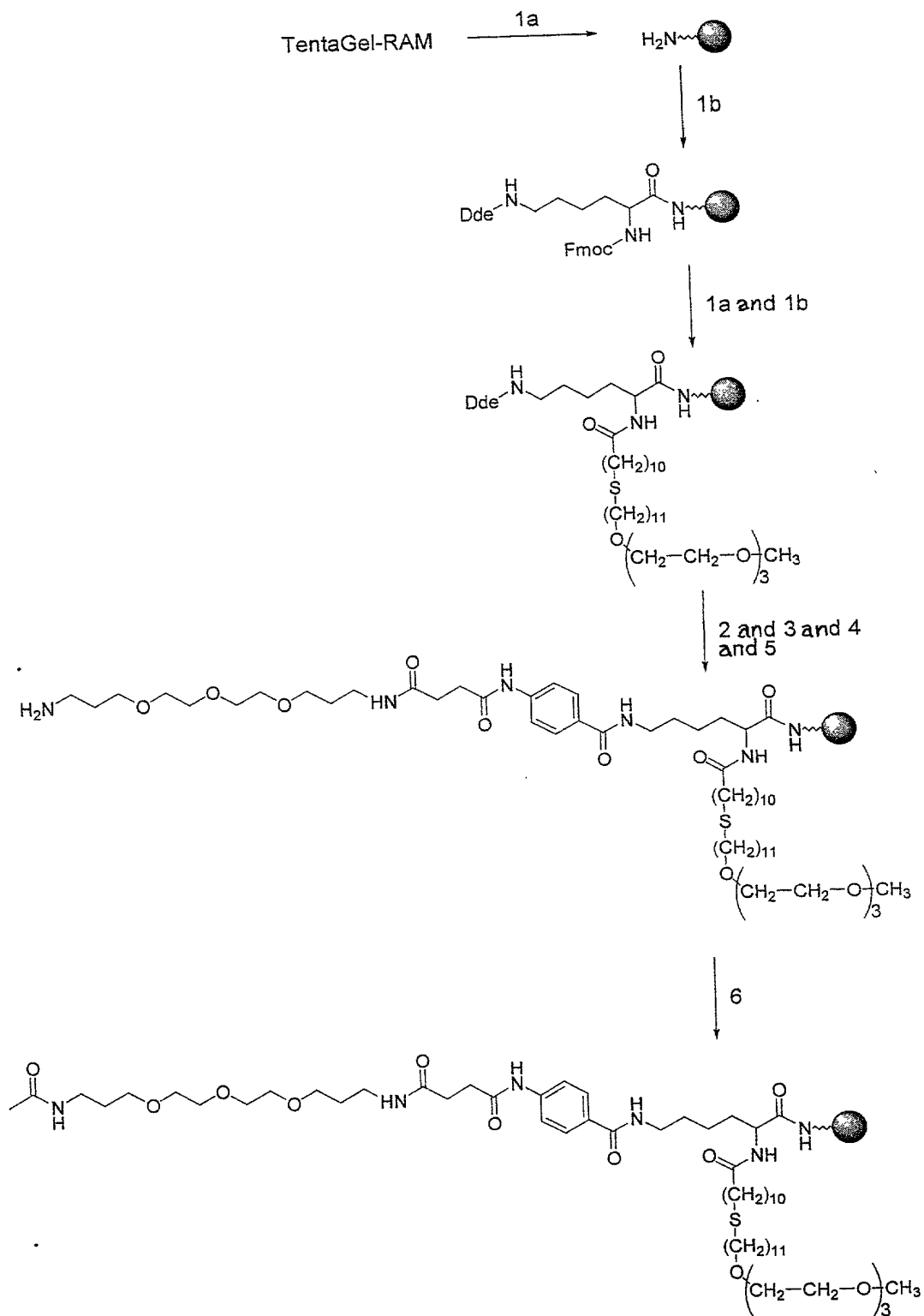
**Figure 13** structure of anchor9; n = 2-5

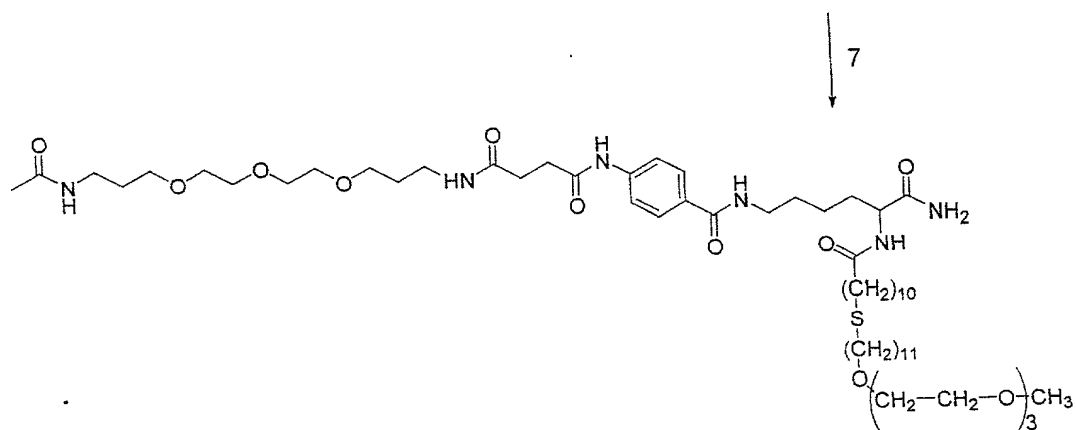


**Figure 14** Synthesis of LAC based on anchor 11

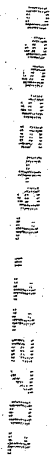


**Figure 15** Scheme for the synthesis of anchor 13:

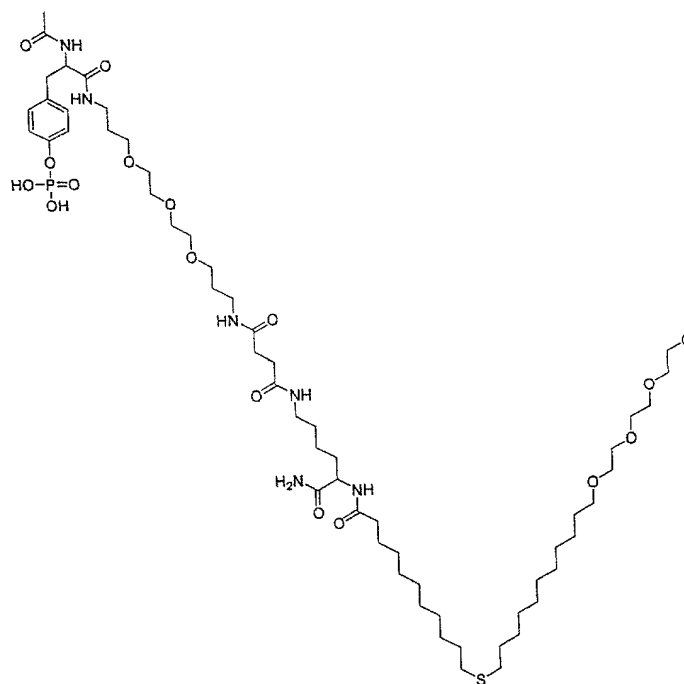




**Figure 16** Synthesis of LAC based on anchor 14



**Figure 17** Synthesis of ligand-anchor-conjugates based on anchor 15



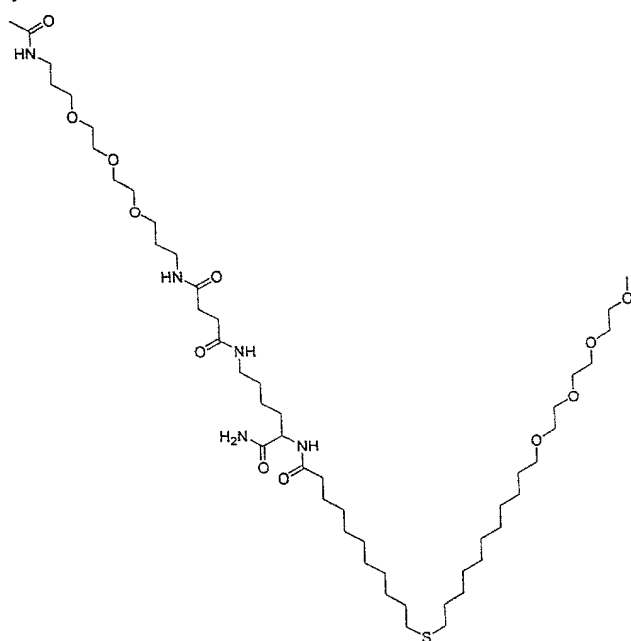
**Figure 18**    **Structure of LAC 1**

5

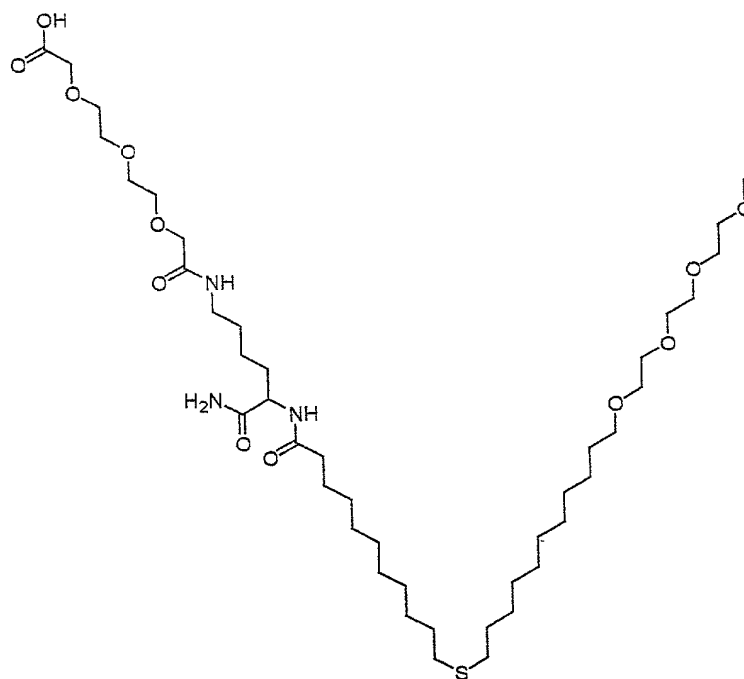
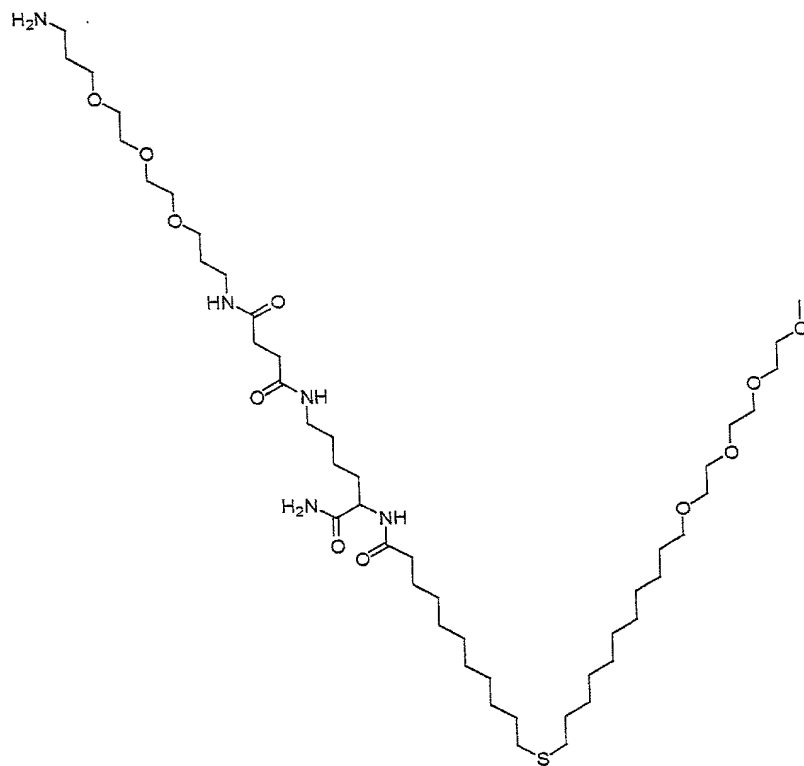
10

15

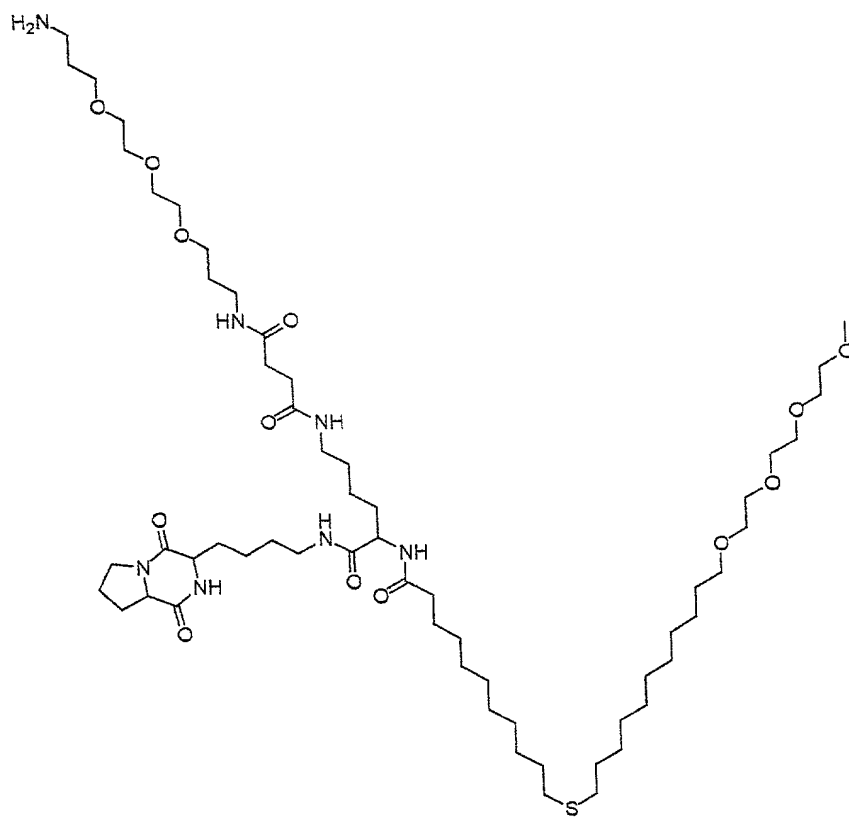


**Figure 19**

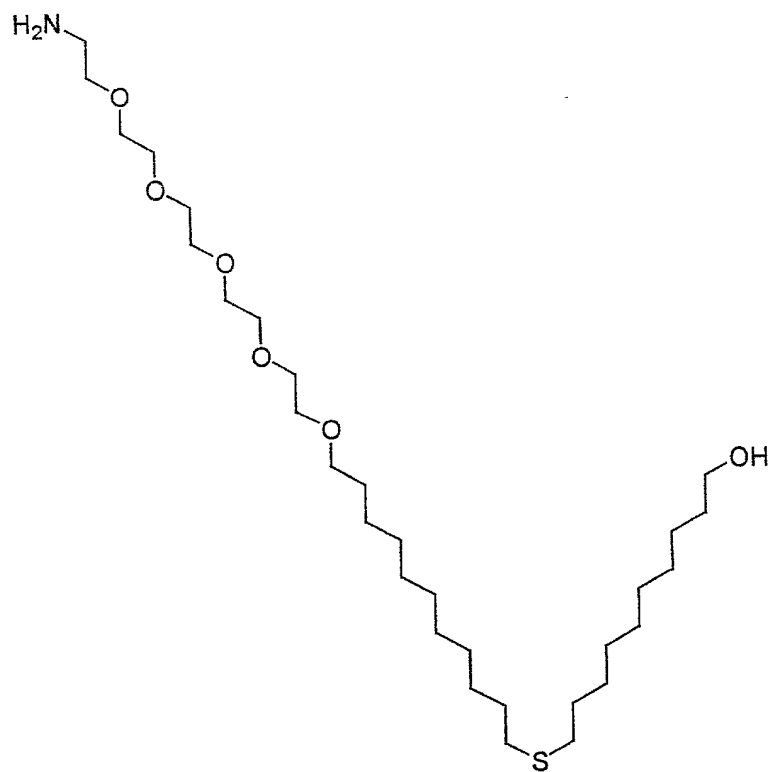
anchor 1



anchor 2

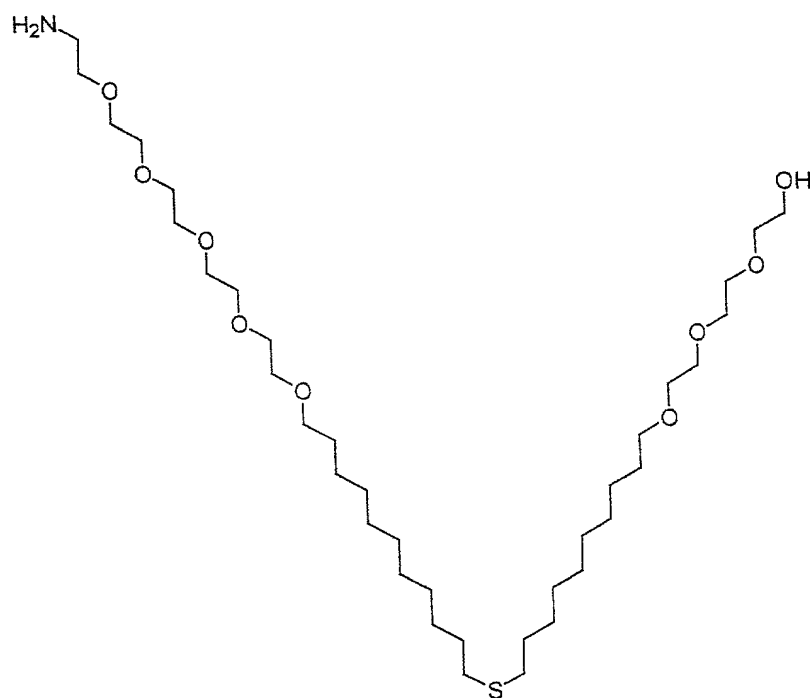


anchor 3

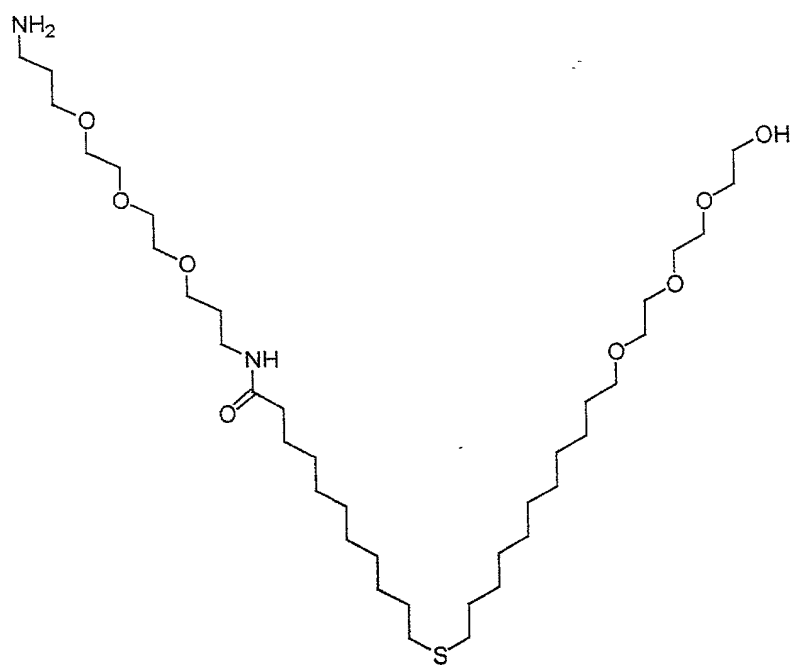


anchor 4

96



anchor 5

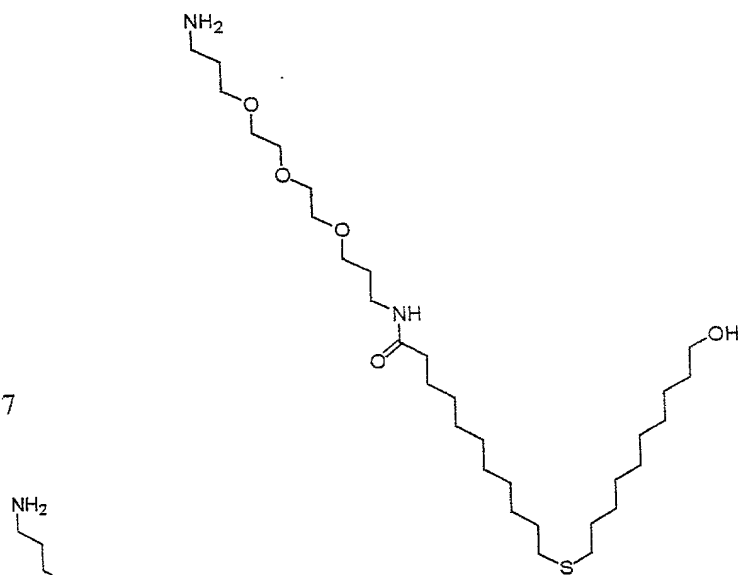


anchor 6

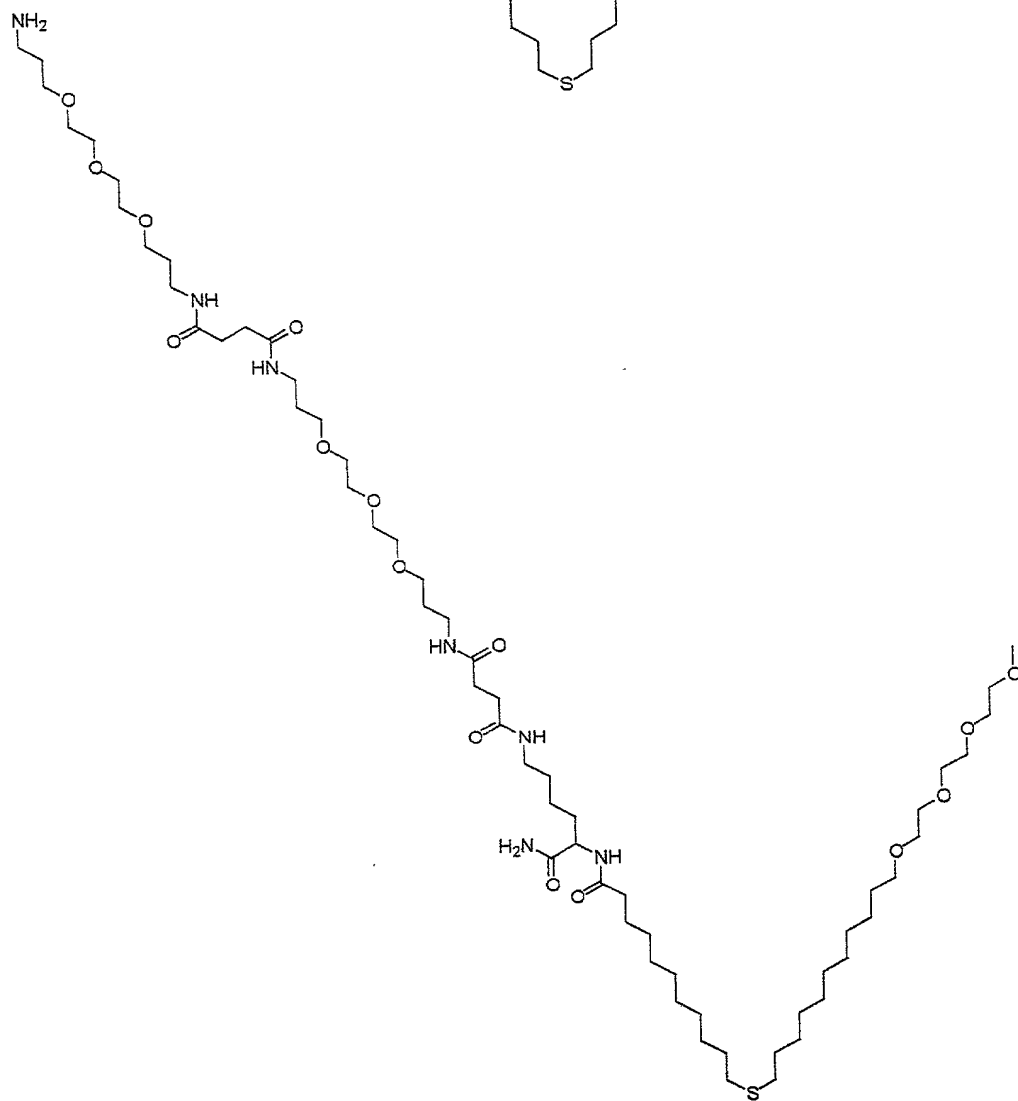
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T0241T-1645660

97

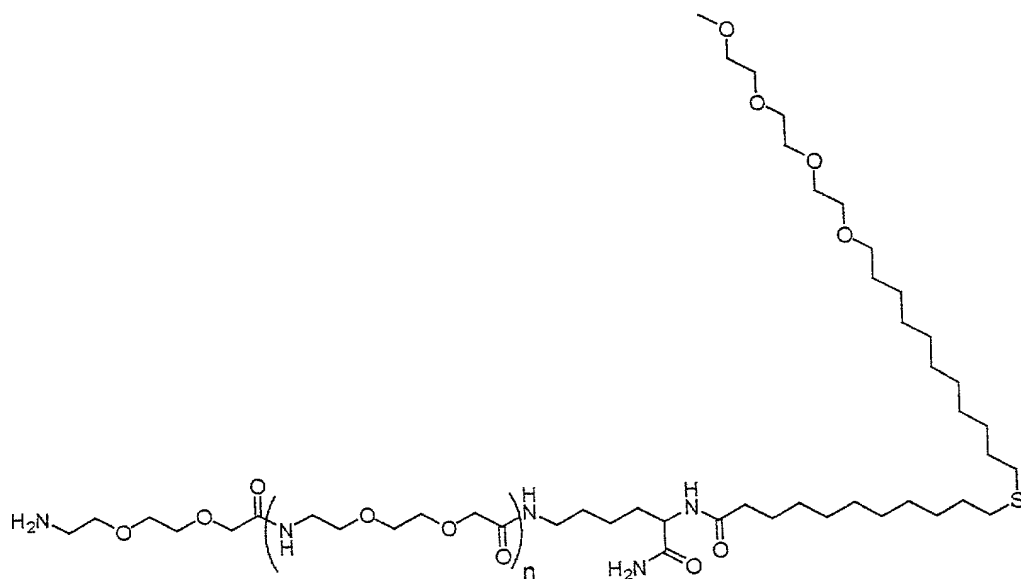
anchor 7



anchor 8



0999491.1.2701

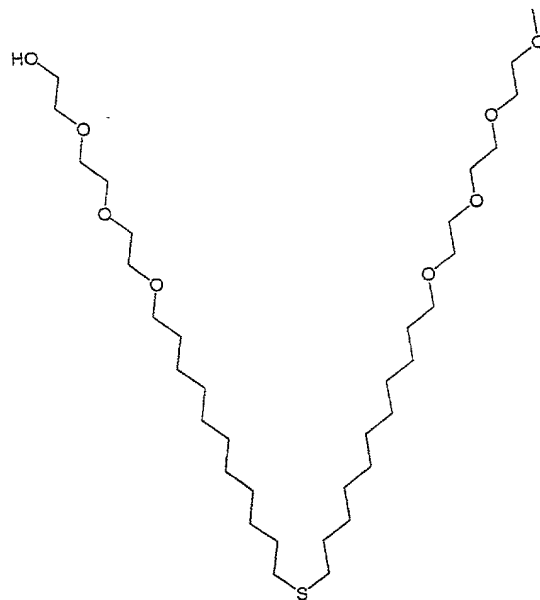


anchor 9-1:  $n=2$ ,

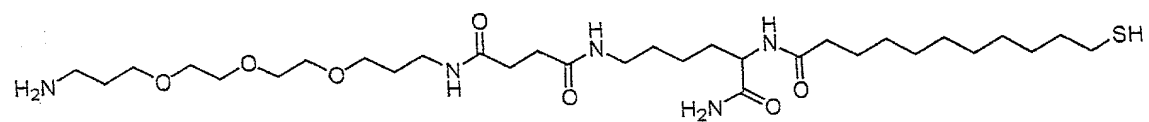
anchor 9-2:  $n=3$ ,

anchor 9-3:  $n=4$ ,

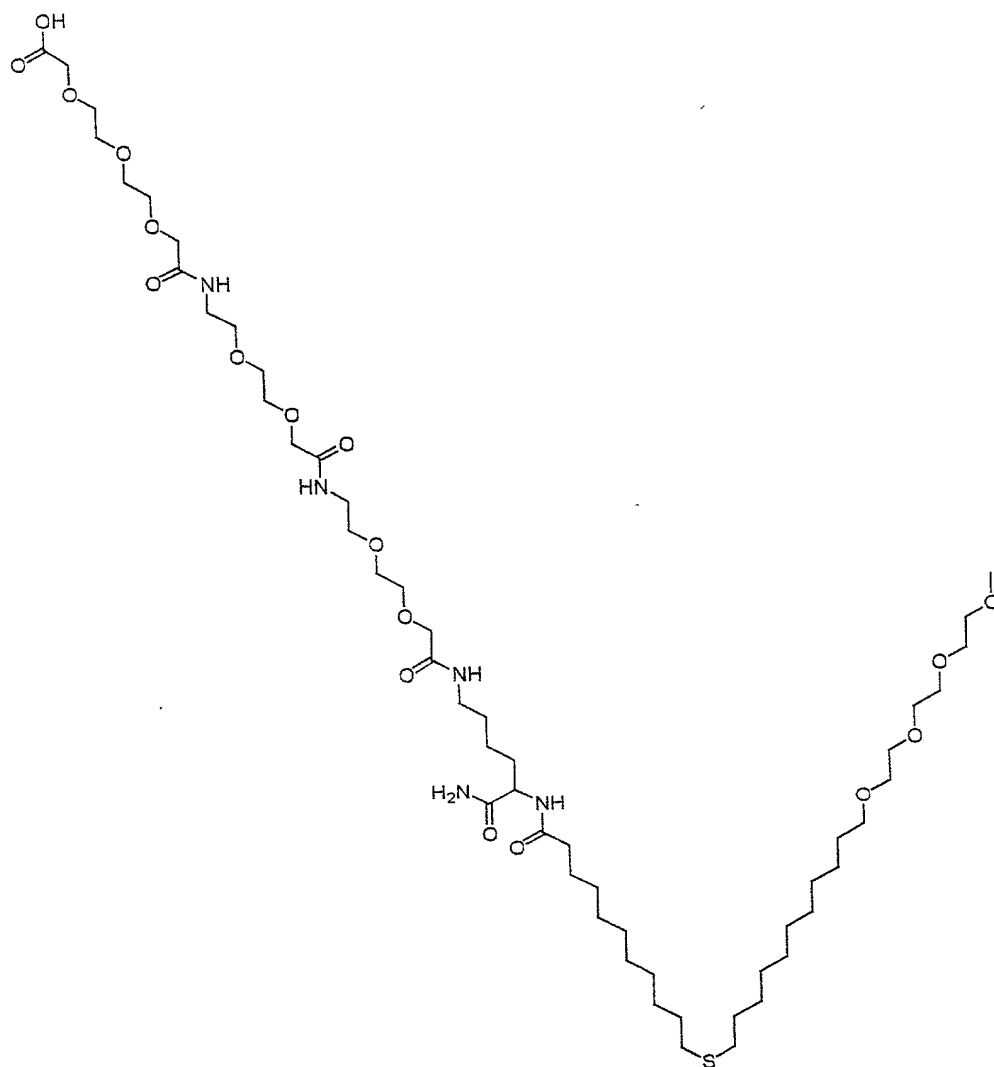
anchor 9-4:  $n=5$ :



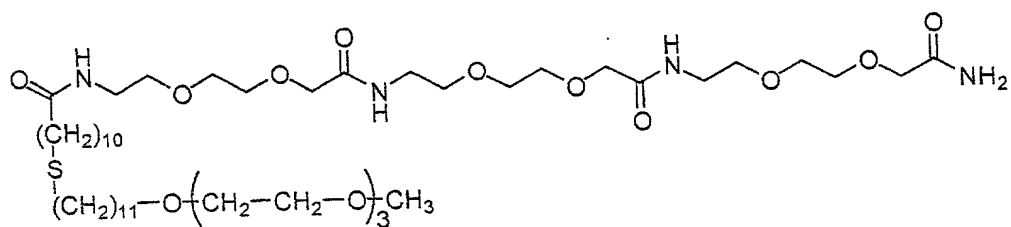
anchor 10



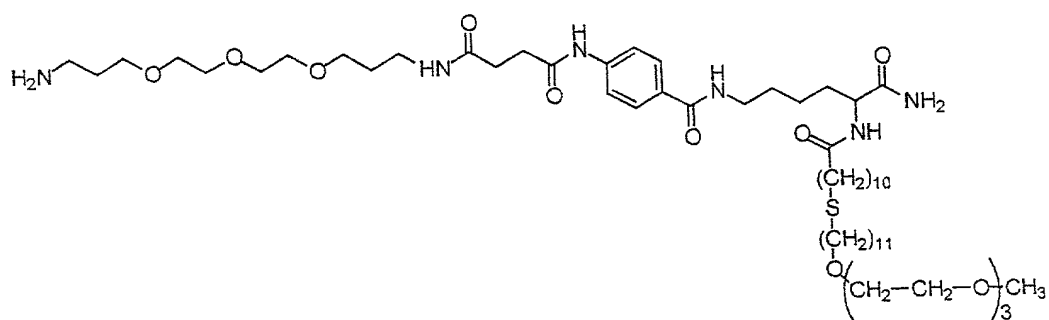
anchor 11



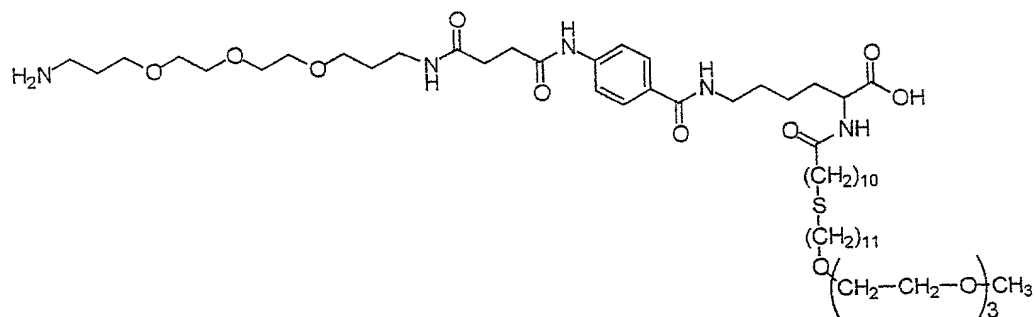
anchor12



anchor 13

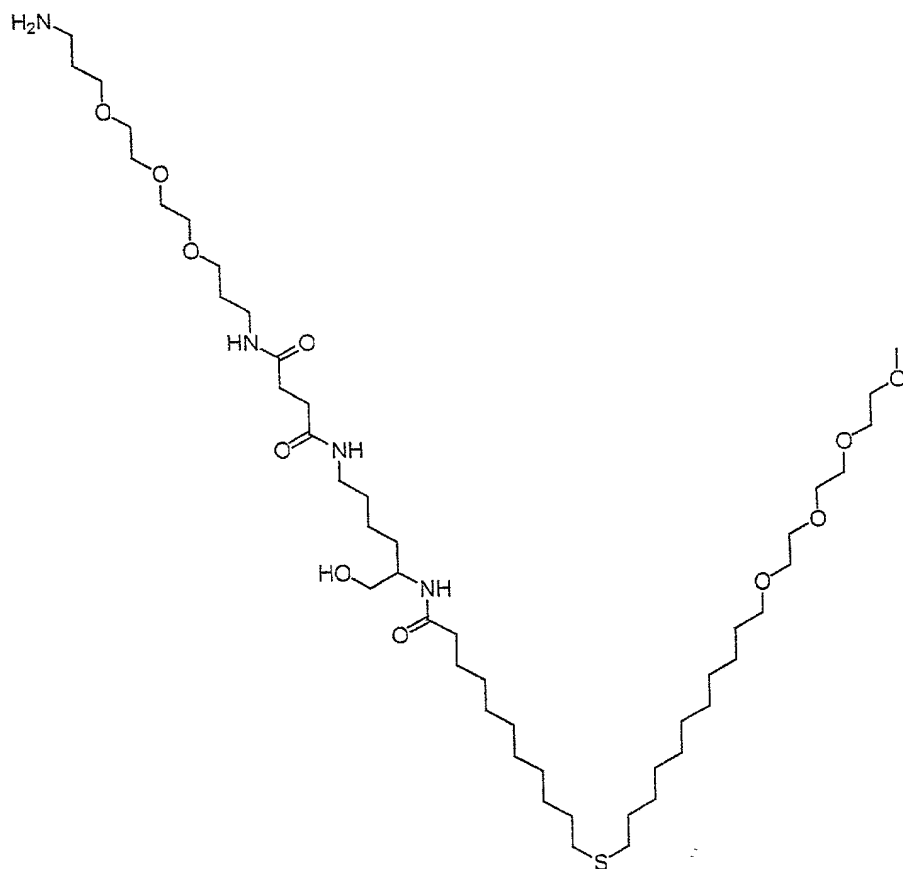


anchor 14.

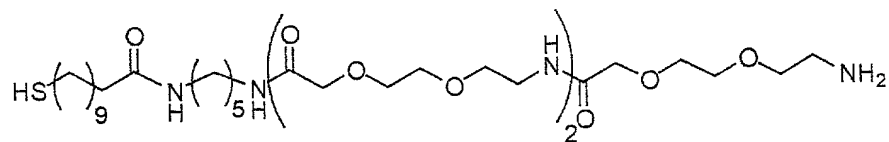


anchor 15

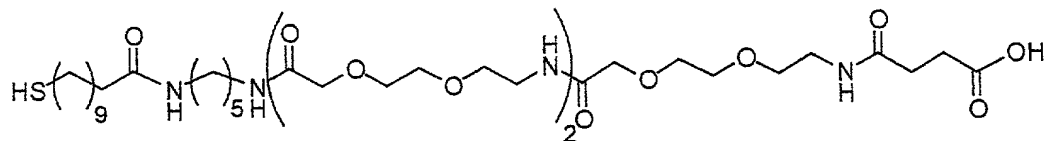




anchor 16



anchor 17



anchor 18

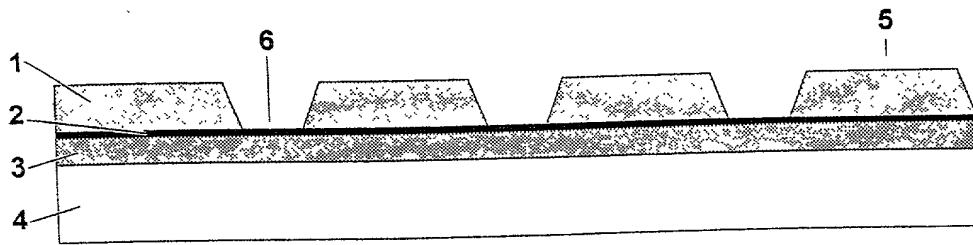


Figure 21

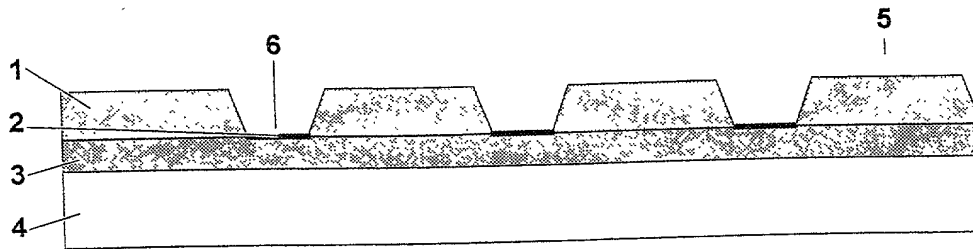


Figure 22

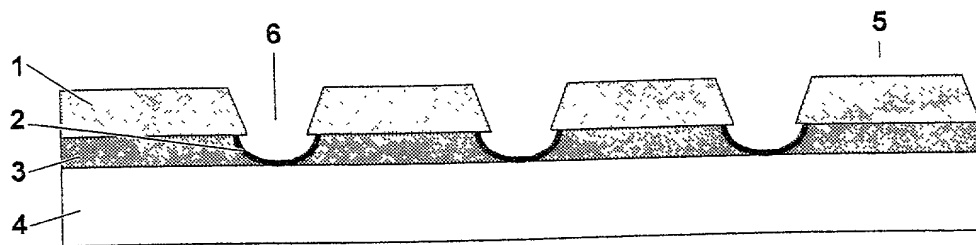


Figure 23



Figure 24

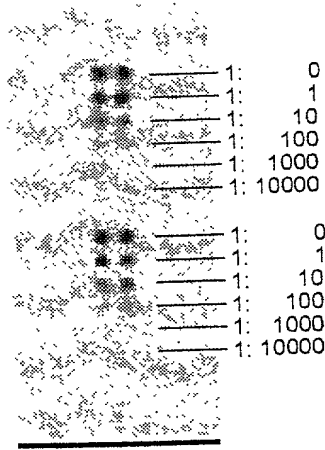


Figure 25

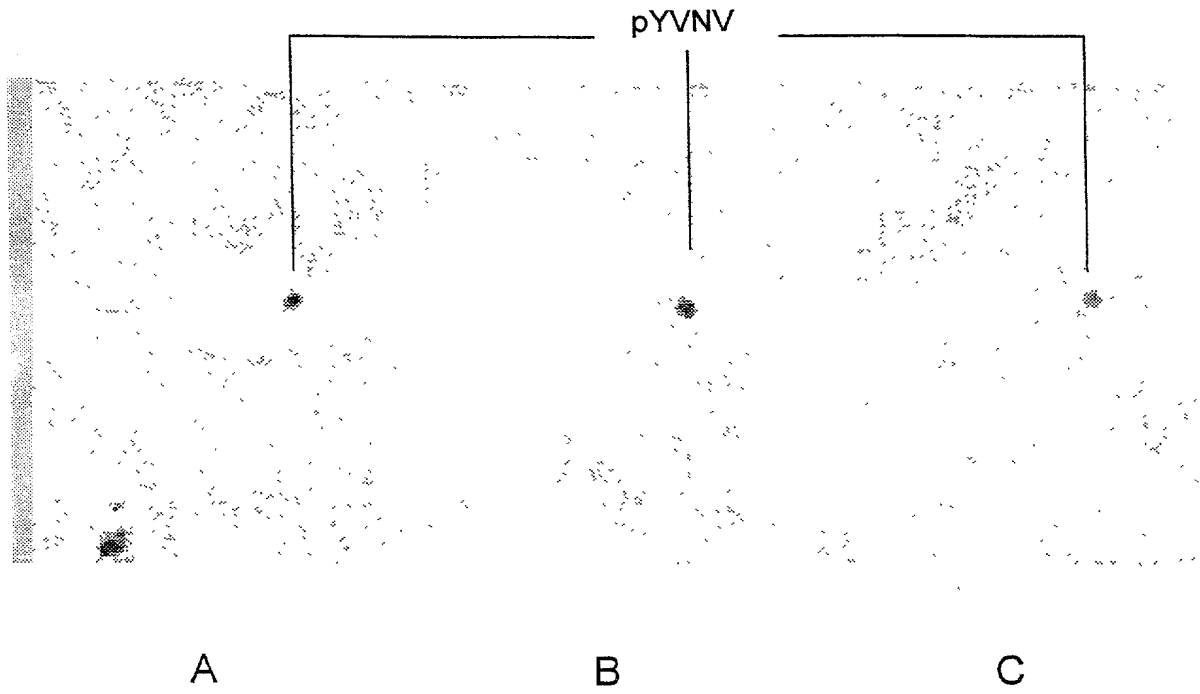


Figure 26